

OPTIONAL FORM NO. 10
5010-104

UNITED STATES GOVERNMENT

Memorandum

TO : Deputy Director, Communications

DATE: 4 April 1968
AFD-M-68 035

FROM : Chief, Africa Division, OC

SUBJECT: Propagation Study

STATINTL

SUBJECT: Per your request we have made another propagation study concerning radio coverage that we may anticipate from [REDACTED] to various field locations.

COMMENTS:

STATINTL

a. Attachment A indicates the area that we can expect to cover from [REDACTED] with 90% reliability.

b. The coverage indicated is based on a sun-spot number of 105. This is about the highest SSN expected during the present cycle. Therefore, attachments A & B reflect the maximum coverage we can expect over the next several years. As the SSN declines, we can expect the area of coverage to be somewhat reduced.

STATINTL

c. You will note considerable difference between this study and past studies concerning area of coverage from [REDACTED]. This latest study assumes Rhombic receive antennas [REDACTED]. Previous studies were based on the much less efficient receiving antennas we actually have at [REDACTED]. To obtain the coverage indicated it will be necessary to upgrade the receive system at [REDACTED].

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[REDACTED]
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